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THE FIVE YEAR PLAN FOR DEVELOPING  
THE POWER BASE OF CZECHOSLOVAKIA

A. V. Sokolov

In 1948, available electric power was divided in the following manner: industry, 61.9 percent; transportation, 2.4 percent; domestic and public illumination, 5.7 percent; agricultural and trade enterprises, 14.2 percent; losses in systems, 15.8 percent.

The Five-Year Plan (1949 - 1953) for the power economy envisages further increase in the working force by approximately 6,200 men (1 September 1948, 39,600 persons were employed in the power economy), that is, an increase of 14 percent compared with 1948. The cost of production per worker in 1953 will decrease by 65 percent in regional electric stations and by 12 percent at factory electric stations in comparison with 1948. According to the plan, 7,556,000,000 kilowatt hours should be generated in 1948 in Czechoslovakia, including 3,321,300,000 kilowatt hours at State regional electric stations and 4,235,000,000 kilowatt hours in factory electric stations. A total of 6,748,000,000 kilowatt hours must be generated in the Czech Provinces, and the remaining 808 million in Slovakia. Generation of 11,200,000,000 kilowatt hours is planned for 1953.

In the course of fulfilling the Two-Year Plan, 6,663,000,000 kilowatt hours were generated in 1947 (98.5 percent of the plan), and from January to October 1948, 6,066,000,000 kilowatt hours were generated (101.4 percent of the plan). The output of electric power for 1948 exceeded that of 1946 by 35 percent. In 1953, it should increase by 48 percent in comparison with 1948.

The construction of hydroelectric stations and dams on the Vltava River in Stechovice was completed in 1948. To utilize the entire course of the Vltava river, a plan has been drawn up for a dam and hydroelectric station in Slapy with a power of 120,000 kilowatts, which will produce three times more electric power than the Stechovice one. Then a dam and electric station will be constructed in Kamyk near Orlik. A total of 16 hydroelectric stations on the Vltava, Vah, and Nitra rivers are to be constructed according to the Five-Year Plan.

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The generation of electric power will also be increased by the construction of a number of new thermoelectric stations, including a 240,000-kilowatt station in Komorany, a 150,000-kilowatt station in Trebovice, and a 145,000-kilowatt station in Falknov.

According to the plan, 2 billion crowns (40 million dollars) will be invested in the electrification of 2,500 villages and populated points, 1,000 of which will be in Slovakia.

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